

Listing of Claims:

Claims 1-11 (canceled)

Claim 12 (new): A composition designed for scavenging sulfur compounds in fluids, wherein said composition comprises a physical mixture of an oxide product and an activator, wherein said oxide product is selected from the group consisting of iron oxide, zinc oxide, and combinations thereof, and wherein said activator is selected from the group consisting of platinum oxide, gold oxide, silver oxide, copper oxide, copper carbonate, copper metal, copper alloy, cadmium oxide, nickel oxide, palladium oxide, lead oxide, mercury oxide, tin oxide and cobalt oxide, wherein said activator is present in said composition in an amount of about .125% to about 5% by weight of said composition.

Claim 13 (new): The composition of claim 12 wherein said activator is selected from the group consisting of copper oxide, copper carbonate, copper metal and copper alloy.

Claim 14 (new): The composition of claim 13 wherein said activator is copper oxide.

Claim 15 (new): The composition of claim 12 wherein said oxide product is iron oxide.

Claim 16 (new): The composition of claim 15 wherein said activator is copper oxide.

Claim 17 (new): The composition of claim 16 wherein said copper oxide is selected from the group consisting of cupric oxide and cuprous oxide.

Claim 18 (new): A composition comprising an oxide product and an activator, wherein said oxide product is selected from the group consisting of iron oxide, zinc oxide and combinations thereof, and wherein said activator is selected from the group consisting of platinum oxide, gold oxide, silver oxide, copper oxide, copper carbonate, copper metal, copper alloy, cadmium oxide, nickel oxide, palladium oxide, lead oxide, mercury oxide, tin oxide and cobalt oxide, wherein said activator is present in said composition in an amount of about .125% to about 5% by weight of said composition.

Claim 19 (new): The composition of claim 18 wherein said oxide product is iron oxide and wherein said activator is selected from the group consisting of copper oxide, copper carbonate, copper metal and copper alloy.

Claim 20 (new): The composition of claim 19, wherein said activator is copper oxide.

Claim 21 (new): The composition of claim 20 wherein said copper oxide is selected from the group consisting of cupric oxide and cuprous oxide.

Claim 22 (new): A composition comprising iron oxide and copper oxide, wherein said copper oxide is present in an amount of about .125% to about 5% by weight of said composition.

Claim 23 (new): The composition of claim 22 wherein said copper oxide is present in an amount of about 1% or less of said composition.

Claim 24 (new): The composition of claim 12, further comprising a carrier.

Claim 25 (new): The composition of claim 24 wherein said carrier is montmorillonite.

Claim 26 (new): The composition of claim 24 wherein said carrier is water.

Claim 27 (new): A composition comprising iron oxide, copper oxide and a carrier, wherein said copper oxide is present in an amount of about .125% to about 5% of said composition.

Claim 28 (new): The composition of claim 27 wherein said carrier is montmorillonite.

Claim 29 (new): The composition of claim 28 wherein said copper oxide is present in an amount of about 1% or less of said composition.